

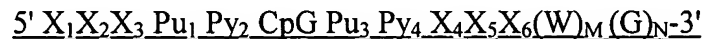
**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of the claims in the application:

**Listing of Claims:**

Claim 1-7 (canceled).

Claim 8 (currently amended): ~~The oligodeoxynucleotide of claim 1,~~ A substantially pure or isolated oligodeoxynucleotide of at least about 16 nucleotides in length comprising a sequence represented by the following formula:



wherein the central CpG motif is unmethylated, Pu is a purine nucleotide, Py is a pyrimidine nucleotide, X and W are any nucleotide, M is any integer from 0 to 10, and N is any integer from 4 to 10

wherein  $X_1 X_2 X_3$  Pu Py and Pu Py  $X_4 X_5 X_6$  are self complementary.

Claims 9-10 (canceled).

Claim 11 (canceled).

Claim 12 (currently amended): The oligodeoxynucleotide of claim ~~[[1]]~~ 8, comprising any one of

GGTGCATCGATGCAGGGGGG (SEQ ID NO: 1);

AAGGTCAACG TTGAAAAAAA (SEQ ID NO: 35);

GGTGCATCGATGCAGGGGGG (SEQ ID NO: 1); GGTGCATCGATGCAGGGGGG (SEQ ID NO: 1); GGTGCGTCGACGCAGGGGGG SEQ ID NO: 31);

GGTGCGTCGATGCAGGGGGG (SEQ ID NO: 7); GGTGCACCGGTGCAGGGGGG (SEQ ID NO: 2);

GTCGACGTCGAC (SEQ ID NO: 54);

GGTGCATCGATGCAGGGGG (SEQ ID NO: 73);  
GGCGTCGACG GGG (SEQ ID NO: 74);  
GGTGCATCGATGCGAGAGA (SEQ ID NO: 87);  
TCGGATGTTCTC (SEQ ID NO: 113), or  
GGTCCATCGATCCAGGGGGG (SEQ ID NO: 138).

Claim 13 (currently amended): The oligodeoxynucleotide ~~of any of claim 1~~ 8, wherein the oligodeoxynucleotide is modified to prevent degradation.

Claim 14 (currently amended): The oligodeoxynucleotide of claim [[1]] 8, wherein the oligodeoxynucleotide has a phosphate backbone modification.

Claim 15 (original): The oligodeoxynucleotide of claim 14, wherein the phosphate backbone modification is a phosphorothioate backbone modification.

Claim 16 (currently amended): The oligodeoxynucleotide of claim [[1]] 8, wherein the oligodeoxynucleotide comprises about 100 nucleotides or less.

Claim 17 (currently amended): The oligodeoxynucleotide of claim 16, wherein the oligodeoxynucleotide comprises about 50 nucleotides or less.

Claim 18 (currently amended): The oligodeoxynucleotide of claim [[9]] 8, wherein the oligodeoxynucleotide comprises about 18 to about 30 nucleotides.

Claim 19 (currently amended): An oligodeoxynucleotide delivery complex comprising the oligodeoxynucleotide of claim [[1]] 8 and a targeting moiety.

Claim 20 (original): The oligodeoxynucleotide delivery complex of claim 19, wherein the targeting moiety is selected from the group consisting of a cholesterol, a virosome, a liposome, a lipid, and a target cell specific binding agent.

Claim 21 (currently amended): The oligodeoxynucleotide of delivery complex of claim 19, wherein the oligodeoxynucleotide and the targeting moiety are covalently linked.

Claim 22 (currently amended): A pharmacological composition comprising the oligodeoxynucleotide of claim [[1]] 8 and a pharmacologically acceptable carrier.

Claim 23-59 (canceled).

Claim 60 (new): The oligodeoxynucleotide of claim 8, wherein N is about 6.

Claim 61 (new): The oligodeoxynucleotide of claim 8, wherein Pu<sub>1</sub> Py<sub>2</sub> CpG Pu<sub>3</sub> Py<sub>4</sub> comprise phosphodiester bases.

Claim 62 (new): The oligodeoxynucleotide of claim 61, wherein Pu<sub>1</sub> Py<sub>2</sub> CpG Pu<sub>3</sub> Py<sub>4</sub> are phosphodiester bases.

Claim 63 (original): The oligodeoxynucleotide of claim 61, wherein X<sub>1</sub>X<sub>2</sub>X<sub>3</sub> and X<sub>4</sub>X<sub>5</sub>X<sub>6</sub>(W)<sub>M</sub>(G)<sub>N</sub> comprise phosphodiester bases.

Claim 64 (new): The oligodeoxynucleotide of claim 61, wherein X<sub>1</sub>X<sub>2</sub>X<sub>3</sub> comprises one or more phosphothioate bases.

Claim 65 (new): The oligodeoxynucleotide of claim 61, wherein X<sub>4</sub>X<sub>5</sub>X<sub>6</sub>(W)<sub>M</sub>(G)<sub>N</sub> comprises one or more phosphothioate bases.

Claim 66 (new): The oligodeoxynucleotide of claim 8, wherein the oligodeoxynucleotide comprises the sequence

5'-X<sub>1</sub>X<sub>2</sub>TGCATCGATGCAGGGGGG-3' (SEQ ID NO:12);  
5'-X<sub>1</sub>X<sub>2</sub>TGCACCGGTGCAGGGGGG-3' (SEQ ID NO:13);  
5'-X<sub>1</sub>X<sub>2</sub>TGCGTCGACGCAGGGGGG-3'; (SEQ ID NO:15);  
5'-X<sub>1</sub>X<sub>2</sub>TGCGTCGATGCAGGGGGG-3'; (SEQ ID NO:16);

5'-X<sub>1</sub>X<sub>2</sub>TGCGCCGGCGCAGGGGGG-3'(SEQ ID NO:17);  
5'-X<sub>1</sub>X<sub>2</sub>TGCGCCGATGCAGGGGGG-3'(SEQ ID NO:18);  
5'-X<sub>1</sub>X<sub>2</sub>TGCATCGACGCAGGGGGG-3'(SEQ ID NO:19); or.  
5'-X<sub>1</sub>X<sub>2</sub>TGCGTCGGTGCAGGGGGG-3'(SEQ ID NO:20),  
wherein X<sub>1</sub> is a G or not base and X<sub>2</sub> is a G or no base.